



*Concurrent
Technologies
Corporation*

***Providing World-Class Services for
World-Class Competitiveness***



About *CTC*

- **Independent nonprofit**
- **Professional services organization**
- **Staff of over 700 professionals
(over 1/3 with advanced degrees)**
- **750,000 sq. ft. of office, laboratory,
and demonstration factory space**
- **More than 20 *CTC* sites throughout
the U.S.**
- **ISO 9001 & 14001 certified**



CTC Program Focus Areas

- **Mid Atlantic Regional Consortium For Advanced Vehicles (MARCAV)**
- **National Applied Software Engineering Center (NASEC)**
- **National Center For Excellence In Metalworking Technology (NCEMT)**
- **National Defense Center For Environmental Excellence (NDCEE)**
- **National Electronic Commerce Resource Center (NECRC)**



Capabilities

- **Information technologies**
- **Demonstration, validation, optimization, and implementation**
- **Education and training**
- **Electronic commerce**
- **Energy conservation and systems**
- **Environment, health and safety consulting and technologies**
- **Automation technologies**
- **Information and systems engineering**
- **Health care consulting and technologies**
- **Laboratory testing and analysis**
- **Management systems consulting and outsourcing**
- **Management systems for international standards**
- **Material science and processing**
- **Manufacturing improvement**
- **Modeling and simulation**



National Electronic Commerce Resource Center (NECRC)

Addresses:

- Digital information technologies**
- Engineering/manufacturing/logistics data issues**
- Representation/management/interchange functions**
- Defense technologies deployment to industry**

Through:

- Product data modeling**
- Manufacturing process application protocols**
- Information standards implementation**
- National outreach networking**



Information Technologies

- **Business computing**
- **Collaborative engineering and distributed computing**
- **Desktop/network design and operation**
- **Internet/intranet design and operation**
- **Video-teleconferencing**
- **Web technologies**
- **Software engineering**
- **Nationwide wide area network**
- **IDS applications installed**
- **CERT compliance**
- **SMS software distribution**
- **Installed and supported VPN**
- **Isolated/secure network**
- **ISP services (*CTCnet*®)**
- **Knowledge management**
- **Enterprise integration**
- **Information systems security**



Electronic Commerce

- **Database design and development**
- **Electronic data interchange**
- **Legacy data management**
- **Systems integration**
- **Technical data interchange**
- **Secure EC transactions**



Technical Development Activity Projects and Selected Delivery Orders

- **Navy Technical Document Access System (NTDAS)**
- **DFAS Web Invoicing System (WInS)**
- **Diminishing Manufacturing Sources (DMS)**
- **Serial Number Tracking System (SNTS)**
- **Navy Electronic Commerce Online (NECO)**
- **Internet Quoting System (IQS)**
- **Parts Library and STEP for Shipbuilding Product Data**

A vertical grid of 15 rows and 3 columns of squares. Some squares are colored: orange (row 1, col 1), magenta (row 3, col 3), blue-gray (row 5, col 2), yellow (row 7, col 1), purple (row 9, col 3), dark red (row 11, col 1), dark blue (row 13, col 3), and teal (row 15, col 2).

Joint Computer-Aided Acquisition and Logistics Support

**Department of Defense Industry
Leader**

The Bricks of the DoD



Industry Trends

- **Build It and They Will Come**
- **Content**
- **Community**
- **Exchanges**
- **Connectivity**



Industry Trends

- **Customer Relationship Management**
 - **Make Them Remember You**
 - **B2B**
 - **B2C**
 - **B2E**
 - **B2A**

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What We Have Learned

- **Level of Frustration**
- **Need to Engage**
- **Desire to Use When Trained**
- **Not Without Problems**



JCALs Training Support

- **Received First Request from NAVSSES (NAVSEA Philadelphia)**
- **Obtained Ground Zero Knowledge**
- **Developed and Deployed Training Program**
 - Development Time: 500+ Man-hours
 - In-service Training Time: 550+ Man-hours



Past Performance

- **500 Navy personnel and contractors**
- **Conducted 64 On-Site Training Sessions**
- **Each session = 8.0 hours typ.**
 - NAVSSES (NAVSEA Philadelphia)
 - NUWC (Keyport)
 - NAVICP (Mechanicsburg)
 - SUPSHIP (Bath)
 - NAVSEA (Crystal City)
 - NAVICP (Philadelphia)



Obtained

- **Institutional and Functional Knowledge**
- **JCALs strengths and weaknesses**
- **Ability to address issues requiring CSC attention in the form of IRTS**



ECRC Program Cuts

- **Because of the program cuts, larger percentage of budget (time) must be directed to JECPO-supported programs, including**
 - **Wide Area Workflow, eMail, PKI, etc.**
- **Fewer discretionary projects**
- **In addition, we must continue to provide assistance to small and medium-sized DoD vendors and the supply chain they feed**



Skills Sets Available

- **Technical Support**
- **Training**
- **Business Process Reengineering**
- **Application Development**
- **Help Desk**
- **Industrial Liaison**
- **Program Facilitation**



Questions We Have

- **Direction**
- **Systems and Process Integration**
 - **Wide Area WorkFlow**
 - **PDML**
 - **Product Data Management**
 - **Engineering Change Proposal**
 - **Engineering Change Management**
 - **Design Change Notice**
- **Supplier Integration and Commercial Trends**



Next Steps

- **Obtain Buy-in From Major Commands**
- **Design Service-wide Support Program**
- **Establish Target Dates**
- **Obtain Funding**

Questions and Answers

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